

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/003370

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01N33/00 G01N27/406 G01N27/407

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 464 244 A (ISITANI SHIGEO ET AL) 7 August 1984 (1984-08-07) column 2, line 8 - line 27 column 3, line 26 - column 5, line 4	1-13
A	US 4 882 030 A (SUZUKI SEIKOO ET AL) 21 November 1989 (1989-11-21) the whole document	1-26
A	RIEGEL J ET AL: "Exhaust gas sensors for automotive emission control" SOLID STATE IONICS, NORTH HOLLAND PUB. COMPANY. AMSTERDAM, NL, vol. 152-153, December 2002 (2002-12), pages 783-800, XP004398309 ISSN: 0167-2738 the whole document	1-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

5 November 2004

Date of mailing of the International search report

15/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 949 505 A (MATSUSHITA ELECTRIC IND CO LTD) 13 October 1999 (1999-10-13) the whole document -----	1-26
A	US 6 312 585 B1 (WAHL THOMAS ET AL) 6 November 2001 (2001-11-06) column 1, line 56 - line 65 -----	1-26

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4464244	A	07-08-1984	JP 1589878 C	30-11-1990
			JP 2016467 B	17-04-1990
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			DE 3267896 D1	23-01-1986
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